

# Memory Installation Guide

*Including:*

- ♦ Installing SIMMs
- ♦ Installing DIMMs

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## Adding Memory

Depending on your system board, your computer supports either Single In-line Memory Modules (SIMMs) or Dual In-line Memory Modules (DIMMs). SIMMs and DIMMs can not be installed in the same system.

Refer to the *System Board Technical Reference* that came with your system for detailed information about your computer's requirements.

### *Installing SIMMs*

SIMMs are available with various memory capacities. You can install any combination of SIMMs as long as you install identical pairs. If you use two SIMMs, put them side by side in either the first two or last two sockets.

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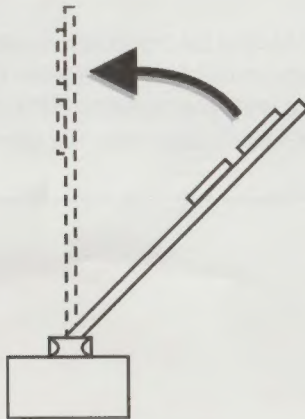
#### **Note:**

Any SIMM pairs added to the computer should conform to the SIMM specifications provided in the *System Board Technical Reference* that came with your system. SIMM pairs that do not conform to that specification may not function in your computer.

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### To install a SIMM:

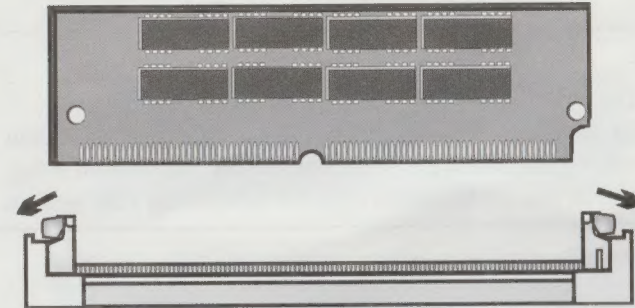
1. Shut down the system.
2. Follow all static electricity preventions and precautions. Refer to the documentation that came with your system for instructions on how to prevent static electricity damage.
3. Open the computer case. Refer to the documentation that came with your system for the instructions to open your computer case.
4. Locate the SIMM sockets on the system board. Refer to the *System Board Technical Reference* that came with your system for more information about SIMM socket location in your computer.
5. Insert the SIMM into the socket. Start the module at about a 45° angle.



6. Gently press the SIMM upright until it snaps underneath the metal clamps.

### To remove a SIMM:

1. Gently pull out on the metal socket clamps to release the SIMM from the socket.



2. Tilt the module in the socket and lift it out gently.

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### Caution!

Never remove a SIMM without releasing the clamps. You may break the socket, causing serious damage to the computer.

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## Installing DIMMs

DIMMs provide a 64-bit data path, allowing greater data transfer across the system board. DIMMs are available with various memory capacities.

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### Note:

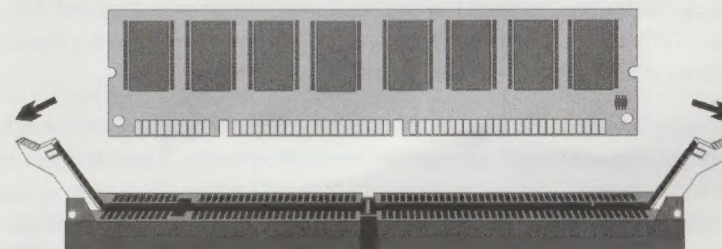
Any DIMMs added to the computer should conform to the DIMM specifications provided in the *System Board Technical Reference* that came with your system. DIMMs that do not conform to that specification may not function in your system.

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### To install a DIMM:

1. Shut down the system.
2. Follow all static electricity preventions and precautions. Refer to the documentation that came with your system for the instructions on how to prevent static electricity damage.
3. Open the computer case. Refer to the documentation that came with your system for the instructions to open your computer case.
4. Locate the DIMM sockets on the system board. Refer to the *System Board Technical Reference* that came with your system for more information about DIMM socket location in your computer.

5. Pull open the plastic DIMM socket clamps on each side of the socket.
6. Insert the DIMM into the socket, as shown below, aligning the two notches in the DIMM with two notches in the DIMM socket.



7. Gently press the DIMM into the socket until the socket clamps on each end of the DIMM automatically lock into place.

### To remove a DIMM:

1. Gently pull open the plastic socket clamps on each end of the DIMM. The DIMM should pop up slightly from the socket.
2. Carefully lift the DIMM out of the socket.

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### Caution!

Never try to remove a DIMM without releasing the clamps. You may break the socket, causing serious damage to the computer.

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## Notices

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## Regulatory Compliance Statements



### *American Users:*

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television reception. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

### *Caution!*

**The Federal Communications Commission warns the users that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

**Accessories:** This equipment has been tested and found to comply with the limits of a Class B digital device. The accessories associated with this equipment are as follows:

- Shielded video cable
- Shielded power cord.

These accessories are required to be used in order to ensure compliance with FCC rules.



### *Canadian Users:*

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of Industry Canada.

Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Classe B prescrites dans le règlement sur le brouillage radioélectrique édicté par Industrie Canada.



### *European Users:*

This Information Technology Equipment has been tested and found to comply with following European directives:

[i] EMC Directive 89/336/EEC amending directive 92/31/EEC & 93/68 EEC as per  
-EN 50081-1:1992 according to  
EN 55022:1995 Class B  
EN 61000-3-2:1995 or EN 60555-2:1986  
EN 61000-3-3: 1995

- EN50082-1:1992 according to  
EN 61000-4-2:1995 or IEC 801-2:1984  
ENV 50140:1994 or IEC 801-3:1984  
EN 61000-4-4:1988 or IEC 801-4:1998

[ii] Low Voltage Directive (Safety) 73/23/EEC as per EN 60950: 1992





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***Japanese Users:***

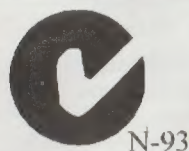
This equipment is in the Class 2 category (Information Technology Equipment to be used in a residential area or an adjacent area thereto) and conforms to the standards set by the Voluntary Control Council for Interference by Information Technology Equipment aimed at preventing radio interference in such residential area.

When used near a radio or TV receiver, it may become the cause of radio interference. Read instructions for correct handling.

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取扱説明書に従って正しい取り扱いをして下さい。



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***Australian and New Zealand Users:***

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to the Australian/New Zealand standard AS/NZS 3548 set out by the Spectrum Management Agency.

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***Caution!***

Disconnect power before servicing.

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***Attention!***

Couper le courant avant l'entretien.

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